

11002 U.S. PTO
10/020994

12/19/01

PATENT NUMBER and
ISSUE DATE

U.S. UTILITY Patent Application

| | | | | | |
|-----------------------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------|-------------------|------------------------------|--------------------|
| APPL NUM 10020994 | FILING DATE 12/19/2001 | CLASS 210 | SUBCLASS 416 U | CAU 1724 | EXAMINER P. DCC |
| **APPLICANTS: Ito Kouichi; Arai Takachi; Koguchi Yoshiichi; | | | | | |
| **CONTINUING DATA VERIFIED: | | | | | |
| BEST AVAILABLE COPY | | | | | |
| ** FOREIGN APPLICATIONS VERIFIED: JAPAN 2000-392310 12/25/2000 | | | | | |
| PG-PUB <input type="checkbox"/> DO NOT PUBLISH <input type="checkbox"/> | | RESCIND <input type="checkbox"/> | | | |
| Foreign priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no | | 35 USC 119 conditions met <input type="checkbox"/> yes <input type="checkbox"/> no | | ATTORNEY DOCKET NO 111374 | |
| Verified and Acknowledged Examiners's initials | | | | | |
| TITLE: Filter | | U.S. DEPT. OF COMM. PAT. & TM. PTO-436L (Rev. 12-94) | | | |

| | | | |
|---------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| NOTICE OF ALLOWANCE MAILED | | CLAIMS ALLOWED | |
| | | Total Claims | Print Claim for O.G. |
| Assistant Examiner | | DRAWING | |
| | | Sheets Drwg. | Figs. Drwg. |
| Primary Examiner | | Print Fig. | |
| PREPARED FOR ISSUE | | Application Examiner | |
| <input type="checkbox"/> TERMINAL DISCLAIMER | | WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368, Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only. | |

FILED WITH:

☐ DISK (CRF)

☐ CD-ROM

(Attached in pocket on right inside flap)